10. (New) A water electrolytic apparatus according to claim 9, further including a solar cell serving as a power supply for said plurality of water electrolytic cells.

11. (New) A water electrolytic apparatus according to claim 9, wherein a single water/oxygen flow path and a single hydrogen flow path are shared by the plurality of water electrolytic cells.

12. (New) A water electrolytic apparatus according to claim 10, wherein said solar cell is of a panel shape and superposed on said plurality of water electrolytic cells.

13. (New) A water electrolytic apparatus according to claim 11, wherein said solar cell is of a panel shape and superposed on said plurality of water electrolytic cells.

14. (New) A water electrolytic apparatus according to claim 9, wherein each of said water electrolytic cells is laminated.

15. (New) A water electrolytic apparatus comprising a plurality of water electrolytic cells each having a solid polymer electrolyte membrane, an anode, and a cathode, the anode and the cathode being arranged on opposite sides of said electrolyte membrane, respectively, said water electrolytic cells being developed on a common hypothetical plane such that said water electrolytic cells are disposed side by side and electrically connected in series to one another.

16. (New) A water electrolytic apparatus according to claim 15, further including a solar cell serving as a power supply for said plurality of water electrolytic cells.

17. (New) A water electrolytic apparatus according to claim 15, wherein the anodes of the plurality of water electrolytic cells are disposed on one hypothetical plane, and the cathodes of the plurality of water electrolytic cells are disposed on another